

## HISTORIC AMERICAN ENGINEERING RECORD

### INDEX TO PHOTOGRAPHS

IDAHO NATIONAL ENGINEERING LABORATORY, TEST  
AREA NORTH  
Scoville vicinity  
Butte County  
Idaho

HAER ID-33-E

### INDEX TO BLACK AND WHITE PHOTOGRAPHS

Many drawings documented below display the stamp, "Official Use Only." INEEL's Classification Office requested, in light of the fact that Internet view of the drawings are shown together with their captions, that each such caption indicate that the drawing was approved for public release. Other stamps, such as "classified" or "secret" were removed from original Aircraft Nuclear Propulsion (ANP) drawings many years ago (date not known). These removals appear as blackout or burn marks on the drawing images.

The following large-format photos, historical photos, and photos of architectural drawings are arranged in five groups, each group representing one of five complexes at Test Area North (TAN). The first set of large-format photos, historic photos, and drawings are of the Initial Engine Test Area (IET). In order, the next groups are the Assembly and Test Area (A&M), the Administration Area (ADM), the Low Power Test Area (LPT), and the Flight Engine Test (FET)/Loss of Fluid Test (LOFT) Area.

For additional narrative and photographic documentation for the Aircraft Nuclear Propulsion Project, the Flight Engine Test Area, and its Hangar (Building TAN-629), please refer to HAER ID-33-A. See also the narrative for this report on Test Area North, HAER ID-33-E.

All of the drawings photographed for this index were made from aperture cards (a microfilm medium) because INEEL destroyed the original drawings several years ago. Thus, the "negative" images are black-on-white. The prints are white-on-black. A reader may find it more convenient to examine drawings by looking at the negatives instead of the prints.

#### INITIAL ENGINE TEST COMPLEX

HAER photographs ID-33-E-1 through ID-33-E-30 were taken of the IET facility prior to or during demolition. Interior view were taken January 22, 1998, by Mike Crane; exterior, on April 13, 1998 by Ron Paarman.

Note: Large-format photographs of TAN-624, which served as the Mobile Test Building in the ANP program and as the Containment Entry in the LOFT program, will be found with LOFT photographs.

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| ID-33-E-1 | Initial Engine Tet (IET) distant contextual view of coupling station retaining wall, and shielded control building (TAN-620). facing northeasterly. INEEL negative no. HD-27-7-4 |
| ID-33-E-2 | IET distant contextual view of shielded control building (TAN -620). facing southwesterly. INEEL negative no. HD-21-8-3  |
| ID-33-E-3 | IET distant contextual view of earth covering over shielding roadway. facing south. INEEL negative no. HD-21-9-1   |

- ID-33-E-4 IET distant contextual view of coupling station, tracks and retaining wall. experiment shack on left side of coupling station remains from snaptran tests. Camera facing northerly. INEEL negative no. HD-21-7-3
- ID-33-E-5 IET distant contextual view of entrance to shielded roadway. facing west. stack and other buildings have been removed. INEEL negative no. HD-21-7-2
- ID-33-E-6 IET distant contextual view of TAN-620, shielded control building. facing northwest. non-IET related monitoring device in foreground. INEEL negative no. HD-21-8-2
- ID-33-E-7 IET control building (TAN-620). Air intake structure. facing north. Part of wing wall has been damaged. INEEL negative no. HD-21-7 -1
- ID-33-E-8 IET fuel transfer pump building (TAN-620). facing south. INEEL negative no. HD-21-8-1
- ID-33-E-9 IET contextual view. facing south. rear of coupling station at right of view. control building (TAN-620) to its left. exhaust stack and duct have been removed. INEEL negative no. HD-21-9-2
- ID-33-E-10 IET personnel tunnel. electrical and other conduit runs along ceiling. INEEL negative no. HD-21-3-3
- ID-33-E-11 IET entrance to control building (TAN-620) from shielded roadway. facing west. note corrugated steel wall, curbs along roadway, drainage grate. room beyond is turnaround area. INEEL negative no. HD-21-6-1
- ID-33-E-12 IET control building (TAN-620) turnaround area. probably facing north. ventilation ducts near ceiling. sign says, "parking position no. 3, use this space last." poured concrete walls. INEEL negative no. HD-21-5-4
- ID-33-E-13 IET control building (TAN-620). interior service room. Piping. INEEL negative no. HD-21-1-3
- ID-33-E-14 IET control building (TAN-620). interior service room. Detail of piping. INEEL negative no. HD-21-2-1
- ID-33-E-15 IET control building (TAN-620). interior personnel service room. sign next to shower stall says, "fight athlete's [foot] with sanimist." INEEL negative no. HD-21-1-1
- ID-33-E-16 IET control building (TAN-620). interior room. concrete walls, floor, ceiling. INEEL negative no. HD-21-1-4
- ID-33-E-17 IET control building (TAN-620). interior room. sign says, "emergency equipment for metal fires." INEEL negative no. HD -21-1-2
- ID-33-E-18 IET control building (TAN-620). interior service room. general electric control panel and related piping. INEEL negative no. HD -21-2-3
- ID-33-E-19 IET control building (TAN-620). interior service area. air duct. INEEL negative no. HD-21-2-4

- ID-33-E-20 IET control building (TAN-620). remains of periscope connections and control console at far west wall of control room. facing westerly. INEEL negative no. HD-21-2-2
- ID-33-E-21 IET control building (TAN-620). interior service area. equipment on concrete pads. liquid pump and valves on right. control panel at center of view, blower at left. piping for vent and sanitary sewer. INEEL negative no. HD-21-3-1
- ID-33-E-22 IET control building (TAN-620). interior shop area. remains of electric-driven hoist. INEEL negative no. HD-21-3-2
- ID-33-E-23 IET control building (TAN-620). control room. facing east. windows on east end of control room with data room beyond. INEEL negative no. HD-21-3-4
- ID-33-E-24 IET control building (TAN-620). control room. facing north. control consoles have been removed. Openings in floor were communication and control conduits. Periscope controls at center left (see also HAER No. ID-33-E-20). INEEL negative no. HD-21 -3-1
- ID-33-E-25 IET control building (TAN-620). control room. facing east. instrument racks along north wall. glazing on east wall. Layout of control consoles evident by openings in floor. INEEL negative no. HD-21-4-2
- ID-33-E-26 IET control building (TAN-620). specialized electric equipment in building service room. nameplate: Worthington. INEEL negative no. HD-21-4-4
- ID-33-E-27 IET control building (TAN-620). equipment removed. Lube oil and waste piping at upper right. Fire door on right. Rebar exposed in concrete of ceiling. INEEL negative no. HD-21-5-3
- ID-33-E-28 IET control building (TAN-620). camera shooting along east/west axis, equipment room. INEEL negative no. HD-21-5-2
- ID-33-E-29 IET control building (TAN-620). probably facing west in equipment room. Name brand: P&H Heavi-lift. Note doorway and corridor at left of view. INEEL negative no. HD-21-5-3
- ID-33-E-30 IET control building (TAN-620). Switch panels. INEEL negative no. HD-21-5-1

Photos ID-33-E-31 through ID-33-E-56 are historical photos of the IET from the INEEL photo collection. When known, date, photographer, and camera position are noted.

- ID-33-E-31 IET. Aerial view of project, 95 percent complete. Camera facing east. Left to right: stack, duct, mobile test cell building (TAN-624), four-rail track, dolly. Retaining wall between mobile test building and shielded control building (TAN-620) just beyond. North of control building are tank building (TAN-627) and fuel-transfer pump building (TAN-625). Guard house at upper right along exclusion fence. Construction vehicles and temporary warehouse in view near guard house. Date: June 6, 1955. INEEL negative no. 55-1462
- ID-33-E-32 IET. Coupling station and track foundations under construction. Camera facing northerly. Four-rail track foundations lead to coupling station. Service leads from there will go through opening for "quick connects" below. Retaining wall under construction will separate earthen shielding of control building (out of view to right) from coupling station and track. Date: October 20, 1954. INEEL negative no. 12550

- ID-33-E-33 IET. Four rail track and railroad crew. Camera facing northerly. Coupling station at end of track. Shielding above control building (TAN-620) at right of view. Air intake structure projects from control building. Date: November 19, 1954. INEEL negative no. 12997
- ID-33-E-34 IET. Personnel access corridor under construction. Date: July 19, 1954. INEEL negative no. 11334
- ID-33-E-35 IET. Construction view of control building (TAN-620). Camera facing east, towards west wall of control building. Structure at left shows progress forming the personnel tunnel that will connect control building to coupling station. Note two round openings for periscopes near ladder at right. Date: August 20, 1954. INEEL negative no. 11709
- ID-33-E-36 IET. Diesel engine for emergency generator is headed for installation in shielded control building (TAN-620). Date: September 21, 1954. INEEL negative no. 12145
- ID-33-E-37 IET. Coupling station. Man holds flexible couplers to reactor Dolly and HTRE rig. Date: April 22, 1955. INEEL negative no. 55-1010
- ID-33-E-38 IET. Periscopes. Men are in control room of control building (TAN -620). Camera facing west. Note conduit holes in floor at lower left. Date: May 20, 1955. INEEL negative no. 55-1299
- ID-33-E-39 IET. Control room in control building (TAN-620). Terminal panels for instrumentation wiring. Note alarm horn and emergency light at right edge of view. Cable reel comes from Collier, Pawtucket, RI. Date: February 1955. INEEL negative no. 55-362
- ID-33-E-40 IET. Jet fuel tank being lowered into position below grade. Two tanks already in place. Date: October 18, 1954. INEEL negative no. 12535
- ID-33-E-41 IET. Aerial view during construction, facing southwest. Control building (TAN-620) in center. Retaining wall in place on west side. Tank building (TAN-627) and fuel transfer pump building (TAN-625) north of control building. Shielded roadway not yet built. Foundation of stack at right edge of view. Date: November 24, 1954. INEEL negative no. 13198
- ID-33-E-42 IET. Exhaust stack foundation under construction. Reinforced concrete footings for duct at right of stack. Foundation is in octagonal shape. Date: October 29, 1954. INEEL negative no. 12711
- ID-33-E-43 IET. Stack interior. Masons lay fire brick liner, leaving air layer between bricks and concrete wall. Date: May 20, 1955. INEEL negative no. 55-1306
- ID-33-E-44 IET. Exclusion guard house, 71.8% complete. Camera facing northerly. Pumice block walls, canopy over concrete slabs. Date: October 20, 1954. INEEL negative no. 12541
- ID-33-E-45 IET. Weather instrumentation tower, located south of control building. Camera facing west. Date: August 17, 1955. INEEL negative no. 55-2414
- ID-33-E-46 IET. Mobile test cell building (TAN-624). Camera facing south. Note folding door panels, travel rails on each side. Part of structural aluminum framework is visible inside. Date: April 22, 1955. INEEL negative no. 55-1012

- ID-33-E-47 IET. Coupling station under preparation for first test. Camera facing north. Bank of lights and periscope shields at each side of coupling station. Note view of stack and twin (divided) duct connections through transom opening of coupling station. Drains transverse to tracks. Retaining wall at right of view. Date: June 22, 1955. INEEL negative no. 55-1698
- ID-33-E-48 IET. Aerial view of snaptran destructive experiment in 1964. Camera facing north. Test cell building (TAN-624) is positioned away from coupling station. Weather tower in right foreground. Divided duct just beyond coupling station. Air intake structure on south side of shielded control room. Experiment is on dolly at coupling station. Date: 1964. INEEL negative no. 64-1736
- ID-33-E-49 Snaptran-2 experiment mounted on dolly being hauled by shielded locomotive from IET towards A&M turntable. Note leads from experiment gathered at coupling bar in lower right of view. Another dolly in view at left. Camera facing southeast. Photographer: Page Comiskey. Date: August 25, 1965. INEEL negative no. 65-4503
- ID-33-E-50 IET. Snaptran-2 experiment. Project photographer working on "station c" camera. Photographer: Page Comiskey. Date: September 22, 1965. INEEL negative no. 65-4949
- ID-33-E-51 IET. Snaptran photographer adjusting mirrors at camera station for recording snaptran test. Photographer: Page Comiskey. Date: September 22, 1965.
- ID-33-E-52 IET. Snaptran. Flying a kite in the service of science. Doug Wenzel and Jon Hurd obtain weather data on east side of IET as part of Snaptran experiment. tank building (TAN-627) and movable building (TAN-624) at left. Stack and ANP duct at right. Photographer: Farmer. Date: September 27, 1965. INEEL negative no. 65-4986
- ID-33-E-53 IET. Snaptran reactor package inside movable building (TAN -624). Camera facing southwest. Hoses at right of view lead to coupling station plug. Photographer: Page Comiskey. Date: August 11, 1965. INEEL negative no. 65-4027
- ID-33-E-54 IET. Inside the coupling station during Snaptran tests. Snaptran 2/10A-1 plug and flexible hoses make connections with experiment on other side. Photographer: Page Comiskey. Date: August 11, 1965. INEEL negative no. 65-4060
- ID-33-E-55 IET. Typical detail during Snaptran reactor experiments. Shielding bricks protect ion chamber beneath reactor on dolly. Photographer: Page Comiskey. Date: August 11, 1965. INEEL negative no. 65 -4039

Photos ID-33-E-56 through ID-33-E-70 are of architectural drawings of IET buildings constructed at TAN during the Aircraft Nuclear Propulsion program.

- ID-33-E-56 IET area plot and utilities plan. Includes drainage. Ralph M. Parsons 902-4-ANP-U-310. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL code no. 035-0100-00-693-106898
- ID-33-E-57 IET. Movable test cell building (TAN-624). Plans, sections, and elevations show trapezoidal shape of front/rear elevations, vertical sliding door panels, wheels, periscope and camera locations, fixed concrete wall, and relationship to coupling station (TAN-620) and rail track. Ralph M. Parson 902-4-ANP-624-A 329. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL Index code no. 035-0624-00-693-106911

- ID-33-E-58 IET. Coupling station (TAN-620), plans and sections. Concrete shielding walls and boron surface treatment. Elevation shows two floor levels, position of periscopes, and stairways. Ralph M. Parsons 902-4-ANP-602-A 325. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0620-00-693-106910
- ID-33-E-59 IET. Periscope shielding and installation details. Shows range of scanning head, removable concrete cap, concrete shielding. Ralph M. Parsons 902-4-ANP-620-A 324. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL Index code no. 035-0620-00-693-106909
- ID-33-E-60 IET. Coupling station (TAN-620) and service room section and details. Interior electrical features inside coupling station. Cable terminal assembly for patch panel for plug. Ralph M. Parsons 902 -4-ANP-620-E 401. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035 -0620-10-693-106958
- ID-33-E-61 IET exhaust gas duct, system layout, plan, and section. shows mounting brackets, concrete braces, divided portion of duct, other details. Ralph M. Parsons 902-5-ANP-712-S 429. Date: May 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0712-60-693-106980
- ID-33-E-62 IET exhaust gas stack. Section, west elevation, foundation plan, access ladder, airplane warning light. Ralph M. Parsons 902-5ANP-712-S 433. Date: May 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035 -0712-60-693-106984
- ID-33-E-63 IET. Control and equipment building (TAN-620) floor plan. Schedule of furniture and equipment. Ralph M. Parsons 902-4ANP-A 320. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035 -0620-00-693-106905
- ID-33-E-64 IET. Control and equipment building (TAN-620) sections. Depth and profile of earthen shield tunnels. Ralph M. Parsons 902-4-ANP -620-A-321. Date: February 1954. INEEL index code no. 035 -0620-00-693-106906
- ID-33-E-65 IET. Control and equipment building (TAN-620). Details and room finish schedule. Ralph M. Parsons 902-4-ANP-620-A 322. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0629-00-693-106907
- ID-33-E-66 IET. Exclusion guard house (TAN-621) and unit substation (TAN -622). Elevations and floor plan. Also show concrete pad for substation. Ralph M. Parsons 902-4-ANP-621-622-A&S 411. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0621-60-693 -106968
- ID-33-E-67 IET. Control and equipment building (TAN-620). Blast roof details. Ralph M. Parsons 902-4-ANP-620-A-323. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035-620-00-693-106908
- ID-33-E-68 IET. Tank building (TAN-627). Plans, elevation, details. shows position of tanks within building and concrete supports. Ralph M. Parsons 902-4-ANP-627-A&S 420. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0627-00-693-106975

ID-33-E-69 IET. Fuel transfer pumping building (TAN-625). Elevations, foundation. Detail of access stairway to coupling station. Ralph M. Parsons 902-a-ANY-620-625-A&S 414. Date: February 1954. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0625-00-693-106971

#### ASSEMBLY AND MAINTENANCE COMPLEX

Photos ID-33-E-70 through ID-33-E-110 were taken of buildings at the ANP Assembly and Maintenance area prior to demolition. HAER-quality large-format photos have not been taken of the Assembly and Maintenance Building (TAN-607), the Hot Shop, as it has not been scheduled for demolition as of the date of this report. However, historic photographs and architectural drawings are documented in this report. Photographer is Mike Crane, unless otherwise indicated.

ID-33-E-70 A&M. Hot cell annex (TAN-633) contextual view also showing east facade. Camera facing west. Note corridor connecting annex to pool area of TAN-607. Pumice block walls. Date: March 2004. INEEL negative no. HD-39-2-2

ID-33-E-71 A&M. Hot cell annex (TAN-633) north facade. Gabled canopy shelters north end of monorail. High bay of hot shop beyond. Date: March 2004. INEEL negative no. HD-39-2-4

ID-33-E-72 A&M. Hot cell annex (TAN-633) west facade, Camera facing east. Demolition equipment in foreground. Monorail at left of view. Date: March 2004. INEEL negative no. HD-39-2-1

ID-33-E-73 A&M. Hot cell annex (TAN-633) interior of operating gallery. Camera probably facing south. At each side of the viewing windows are "master" manipulators which control "slaves" within hot cell. Date: March 2004. INEEL negative no. HD-39-2-3

ID-33-E-74 A&M. Shielded locomotive (TAN-807). Parked and inactive on track west of A&M building. Camera facing northeast. Date: March 2004. INEEL negative no. HD-39-10-1

ID-33-E-75 A&M. Shielded locomotive (TAN-807). Camera facing west. Date: March 2004. INEEL negative no. HD-39-10-2

ID-33-E-76 A&M. Shielded locomotive (TAN-607). Camera facing southwest. Date: March 2004. INEEL negative no. HD-39-10-3

ID-33-E-77 A&M. Contextual view of turntable control shack (TAN-661, built in in 1970) and radioactive parts security storage area. Camera facing northwest and shooting across turntable. Door to shack is to right. January 29, 2003. INEEL negative no. HD-33-2-1

ID-33-E-78 A&M. Turntable control shack (TAN-661). Oblique view, camera facing easterly. Door. Date: January 29, 2003. INEEL negative no. HD-33-2-4

ID-33-E-79 A&M. Turntable control shack (TAN-661) interior detail. Taken from door into switch panel. Date: January 29, 2003. INEEL negative no. HD-33-3-2

ID-33-E-80 A&M. Outdoor turntable. Camera facing east towards hot shop (TAN-607). View taken just before demolition began. Crane in view. Date: February 3, 2003. INEEL negative no. HD-37-5-1

- ID-33-E-81 A&M. Outdoor turntable. Workings and design exposed during demolition, turntable platform traveled on concentric circular rails, this one the inner rail. Radioactive parts storage area in background. Date: February 3, 2003. INEEL negative no. HD-37-2 -2
- ID-33-E-82 A&M. Outdoor turntable. Workings and design exposed during demolition. Detail of platform wheels and structural steel beams resting upon wheel. Wood deck above steel beams. Date: February 3, 2003. INEEL negative no. HD-37-4-1
- ID-33-E-83 A&M. Outdoor turntable. Workings and design exposed during demolition. Detail of radially placed steel beams supporting rotating platform. Part of shielded locomotive at upper right. Date: February 3, 2003. INEEL negative no. HD-37-1-3
- ID-33-E-84 A&M. Outdoor turntable. Workings and design exposed during demolition. Outer edge of turntable shaped by concrete. Outer wheel and rail. Date: February 3, 2003. INEEL negative no. HD-37 -1-2
- ID-33-E-85 A&M. Outdoor turntable. Workings and design exposed during demolition. View between two of the four rails of the track. Note motor and electrical conduit. Date: February 3, 2003. INEEL negative no. HD-37-1-1
- ID-33-E-86 A&M. Outdoor turntable during demolition. Concrete foundation supports inner rail of turntable. Date: February 3, 2003. INEEL negative no. HD-37-1-4
- ID-33-E-87 A&M. Outdoor turntable during demolition. Concrete structural supports radiate from center towards outer edge of turntable. Detail of wheel. Date: February 3, 2003. INEEL negative no. HD-37-3-2
- ID-33-E-88 A&M. Guard house (TAN-638), contextual view. Built in 1968. Camera faces south. Guard house controlled access to radioactive waste storage tanks beyond and to left of view. Date: February 4, 2003. INEEL negative no. HD-33-4-1
- ID-33-E-89 A&M. Guard house (TAN-638), contextual view with camera facing northeast towards TAN-607. Date: February 4, 2003. INEEL negative no. HD-33-4-2
- ID-33-E-90 A&M. Guard house (TAN-638). Oblique view of north and west facades. (Door in west facade) . Facing southerly. Date: February 4, 2003. INEEL negative no. HD-33-4-3
- ID-33-E-91 A&M. Guard house (TAN-638). Oblique view of east and south facades. Camera facing northerly. Date: February 4, 2003. INEEL negative no. HD-33-4-4
- ID-33-E-92 A&M. Guard house (TAN-638). Detail of west facade and front door. Flood light bent below eave. Traffic control signal in view. Camera facing east. Date: February 4, 2003. INEEL negative no. HD-33-6-3
- ID-33-E-93 A&M. Guard house (TAN-638). Detail of window grill on front door (west facade). Date: February 4, 2003. INEEL negative no. HD-33-6-4
- ID-33-E-94 A&M. Guard house (TAN-638). Interior, partitioned area in front of view is toilet enclosure. Date: February 4, 2003. INEEL negative no. HD-33-7-1



- ID-33-E-95 A&M. Guard house (TAN-638). Interior detail turnstile and view to door. Date: February 4, 2003. INEEL negative no. HD-33-7-2
- ID-33-E-96 A&M. Guard house (TAN-638). Interior detail of corner and windows. Date: February 4, 2003. INEEL negative no. HD-33-7-3
- ID-33-E-97 A&M. Hot liquid waste treatment building (TAN-616). Contextual view, facing south. Wall of hot shop (TAN-607) with high bay at left of view. Lower-roofed building at left edge of view is TAN633, hot cell annex. Complex at center of view is TAN-616. Tall metal building with gable roof is TAN-615. Photographer: Ron Paarmann. Date: September 22, 1997. INEEL negative no. HD-20 -2-2
- ID-33-E-98 A&M. Hot liquid waste treatment building (TAN-616). Camera facing southwest. Oblique view of east and north walls. Note three corrugated pipes at lower left indicating location of underground hot waste storage tanks. Photographer: Ron Paarmann. Date: September 22, 1997. INEEL negative no. HD-20-1-4
- ID-33-E-99 A&M. Hot liquid waste treatment building (TAN-616), south side. Camera facing north. Personnel door at left side of wall. Partial view of outdoor stairway to upper level platform. Note concrete construction. Photographer: Ron Paarmann. Date: September 22, 1997. INEEL negative no. HD-20-1-3
- ID-33-E-100 A&M. Hot liquid waste treatment building (TAN-616). Camera facing north. Detail of personnel entrance door, stoop, and stairway. Photographer: Ron Paarmann. Date: September 22, 1997. INEEL negative no. HD-20-2-1
- ID-33-E-101 A&M. Hot liquid waste treatment building (TAN-616). Camera facing northeast. South wall with oblique views of west sides of structure. Photographer: Ron Paarmann. Date: September 22, 1997. INEEL negative no. HD-20-1-2
- ID-33-E-102 A&M. Hot liquid waste treatment building (TAN-616). Camera facing east. Showing west facades of structure. Photographer: Ron Paarmann. Date: September 22, 1997. INEEL negative no. HD-20 -1-1
- ID-33-E-103 A&M. Radioactive parts security storage warehouses: TAN-648 on left, and dolly storage building, TAN-647, on right. Camera facing south. This was the front entry for the warehouse and the rear of the dolly storage building. Date: August 6, 2003. INEEL negative no. HD-36-2-2
- ID-33-E-104 A&M. Radioactive parts security storage warehouse (TAN 648) on left; TAN-647 at right. Camera facing southwest. Detail of personnel door to dolly storage building. Date: August 6, 2003. INEEL negative no. HD-36-2-4
- ID-33-E-105 A&M. Dolly storage building (TAN-647), interior. Camera facing south. Note four-rail track in gravel floor. Southern 3/4ths of floor is gravel. Northern 1/4th is concrete. Date: August 6, 2003. INEEL negative no. HD-36-2-3
- ID-33-E-106 A&M. Dolly storage building (TAN-647), interior details. Camera facing northeast. Metal frame, metal walls, metal door. Date: August 6, 2003. INEEL negative no. HD-36-2-1

- ID-33-E-107    A&M. Dolly storage building (TAN-647). Camera facing west. Date: August 6, 2003. INEEL negative no. HD-36-1-1
- ID-33-E-108    A&M. Dolly storage building (TAN-647). Oblique view, facing northwest. Date: August 6, 2003. INEEL negative no. HD-36-1-2
- ID-33-E-109    A&M. Dolly storage building (TAN-647). Camera facing south. Photographer: Mike Crane. Date: August 6, 2003. INEEL negative no. HD-36-1-3
- ID-33-E-110    A&M. Dolly storage building (TAN-647). Camera facing north. Rail tracks curve into building. TAN-648 on right. Date: August 6, 2003. INEEL negative no. HD-36-1-4

Photos ID-33-E-111 through ID-33-E-156 are historical photographs of buildings at the ANP Assembly and Maintenance area. Photographers names and dates are indicated when known.

- ID-33-E-111    A&M. Aerial view of turntable and A&M building (TAN-607). Pool, hot shop, cold shop, and machine shop are completed. Track leading to left edge of view goes to the IET. Ancient lake shoreline and berm beyond A&M building. Camera facing east. Administrative buildings beyond berm. Date: November 24, 1954. INEEL negative no. 13205
- ID-33-E-112    A&M. A&M building (TAN-607). Camera facing east. From left to right, pool section, hot shop, cold shop, and machine shop. Biparting doors to hot shop are in open position behind shroud. Four rail tracks lead to hot shop and cold shop. Date: August 20, 1954. INEEL negative no. 11706
- ID-33-E-113    A&M. Special shielding materials. Stockpile of magnetite, used for making high-density concrete, and loading conveyor near TAN -607 construction site. Date: September 25, 1953. INEEL negative no. 8710
- ID-33-E-114    A&M. TAN-607. Detail of fuel storage pool under construction. Camera is on berm and facing northwest. Note depth of excavation. Formwork underway for floor and concrete walls of pool; wall between pool and vestibule. At center left of view, foundation for liquid waste treatment plant is poured. Date: August 25, 1953. INEEL negative no. 8541
- ID-33-E-115    A&M. TAN-607. Construction detail showing south shielding wall of hot shop. Ports have been left for viewing windows. Space on east side of wall will be enclosed to provide operating gallery next to viewing windows and then the cold shop. Date: November 25, 1953. INEEL negative no. 9233
- ID-33-E-116    A&M. TAN-607. Construction view, facing southwest. At upper left of view, north-wall equipment and operating galleries take shape on hot shop. Pumice-block side of storage pool section in center left of view. Water filter building (TAN-608) next to north wall of pool. Hot liquid waste building (TAN-616) at right of view. Note concrete construction of TAN-608 and 616. Date: January 18, 1954. INEEL negative no. 9604
- ID-33-E-117    A&M. TAN-607. Construction detail showing structural steel framework with reinforcing steel in place prior to pouring concrete for biparting doors between hot shop and special equipment service (SES) room. Facing north. Hot shop to left, SES room to right. slot for north half of door shows at upper left of view. Date: May 21, 1954. INEEL negative no. 10548

- ID-33-E-118 A&M. TAN-607. Workers place concrete roof slabs over hot shop section. Date: February 23, 1954. INEEL negative no. 9791
- ID-33-E-119 A&M. TAN-607. Detail of installed hot shop viewing window almost complete. Cable channel is still exposed, lacking cover. Note bottle in upper left corner containing spare zinc bromide in even of leak from window. Date: October 20, 1954. INEEL negative no. 12560
- ID-33-E-120 A&M. TAN-607. Interior view of operating gallery in hot shop. Shielded viewing windows are along right side of corridor. Cabinet on wheels at left of corridor is operating console for hot shop manipulators. When in use, it is stationed at window station and connected to appropriate control cables. note reserve bottles of zinc bromide above each station. Date: January 3, 1955. INEEL negative no. 55-0072
- ID-33-E-121 A&M. TAN-607. Interior of hot shop facing east wall and biparting doors above it, in place and opened. Note whiting and ederer cranes, manipulator installed along north wall. Date: October 13, 1954. INEEL negative no. 12506
- ID-33-E-122 A&M. TAN-607. Interior view taken inside hot shop facing door on west side of building. Note two turntables installed in floor. manipulators on wall at left of view. Date: January 3, 1955. INEEL negative no. 55-0073
- ID-33-E-123 A&M. TAN-607. Special equipment services room. Workers are filling viewing window with zinc bromide through tube penetrating concrete shield wall. Date: August 16, 1954. INEEL negative no. 11689
- ID-33-E-124 A&M. TAN-607. Detail of control gallery for special services cubicle (hot cell) at "100 percent complete." Cover has been removed from cable channel at middle window. Date: January 24, 1995. INEEL negative No. 55-0140
- ID-33-E-125 A&M. TAN-607. Interior detail of completed storage pool. Note parapet around pool, 15-ton bridge crane on parapet rail, and water in pool, exposed structural roof beams. Date: January 24, 1955. INEEL negative no. 55-0141
- ID-33-E-126 A&M. TAN-607. Detail of interior of machine shop. Camera facing southeast. Note pumice block wall, rail for bridge crane. Date: August 20, 1954. INEEL negative no. 11707
- ID-33-E-127 A&M. TAN-607. Southern sections added in expansion project of 1957. Camera facing northwest. Concrete decontamination section on left end. Photographer: Jack L. Anderson. Date: October 23, 1957. INEEL negative no. 57-5337
- ID-33-E-128 A&M. TAN-607. Interior of decontamination room. Camera facing east from outside door. Acid and neutralizer tanks on right wall. Photographer: Lowin. Date: April 21, 1965. INEEL negative no. 65-2240
- ID-33-E-129 A&M. TAN-607. Interior of decontamination room. Sandblasting is part of decontamination operation in special enclosure. Note operator dressed in protective gear. Photographer: Lowin. Date: April 12, 1965. INEEL negative no. 65-2238
- ID-33-E-130 A&M. TAN-607. Interior of decontamination room. Overall view looking down from 30 feet. Camera facing west from personnel ladder. Operation in progress with hook about to lift cabinet. Photographer: Lowin. Date: April 21, 1965. INEEL negative no. 65-2239

- ID-33-E-131 A&M. TAN-607 expansion of 1957. Camera facing southwest. Components test lab. Door to special source vault in rear of room at right of view. Photographer: Jack L. Anderson. Date: November 21, 1957. INEEL negative no. 57-5883
- ID-33-E-132 A&M. Hot liquid waste holding tanks. Camera faces southeast. Located in vicinity of TAN-616, hot liquid waste treatment plant. Date: November 13, 1953. INEEL negative no. 9159
- ID-33-E-133 A&M. Jet engine test pad and control building (TAN-609). Camera facing westerly. Engine pad at left, control section (pumice block) on right. Date: September 19, 1955. INEEL negative no. 55-2766
- ID-33-E-134 A&M. TAN-609. Jet engine test pad and control building. Camera facing southeast. Date: July 19, 1954. INEEL negative no. 11344
- ID-33-E-135 A&M. Interior of jet engine test pad control room (TAN-609). Date: October 29, 1954. INEEL negative no. 12701
- ID-33-E-136 A&M. Jet engine test building (TAN-609). Exterior. Equipment inside roll-up door is blowdown test facility, part of loft-semiscale program. Note width of central section serving as blast protection for operator on left side. Photographer: Cahoon. Date: July 22, 1965. INEEL negative no. 65-3703
- ID-33-E-137 A&M. TAN-609. Loop apparatus inside test building being prepared for test. Photographer: Cahoon. Date: July 22, 1965. INEEL negative no. 65-3700.
- ID-33-E-138 A&M. Jet engine test pad (TAN-609) was used in 1968 for semiscale test apparatus. View of blowdown test with rollup door open. When break in pressurized coolant loop is simulated, steam is released suddenly. INEEL negative no. 68-3179
- ID-33-E-139 A&M. Radioactive parts security storage area under construction. Camera facing southerly. Building on left is TAN-648, warehouse for radioactive parts. Steel framework is visible. Building on right is TAN-647, dolly storage warehouse. Note fiberglass windows in side wall. Photographer: M. Holmes. Date: November 23, 1959. INEEL negative no. 59-6083
- ID-33-E-140 A&M. Radioactive parts security storage area. Camera facing north. Four-rail track leads to south end (front door) of TAN-647. Dolly is loaded with transport cask and liner. To its right, view shows back end of TAN-648, which is accessed by road on its north side. Photographer: M. Holmes. Date: December 21, 1959. INEEL negative no. 59-6080.
- ID-33-E-141 A&M. Radioactive parts security storage area. camera facing northwest. Outdoor storage of concrete storage casks. Photographer: M. Holmes. Date: November 21, 1959. INEEL negative no. 59-6081
- ID-33-E-142 A&M. Outdoor turntable under construction. Well for outer rail is being formed. Motor works on right. Date: August 25, 1953. INEEL negative no. 8537
- ID-33-E-143 A&M. Outdoor turntable. Foundation supports being formed. Date: September 25, 1953. INEEL negative no. 8694
- ID-33-E-144 A&M. Outdoor turntable. Foundations complete. Center pivot in place. Date: November 20, 1953. INEEL negative no. 9184

- ID-33-E-145 A&M. Outdoor turntable. Steel rail supports go in place. Date: June 22, 1954. INEEL negative no. 11017
- ID-33-E-146 A&M. Outdoor turntable. Aerial view of trackage as of 1954. Camera faces northeast along line of track heading for the IET. Upper set of east/west tracks head for the hot shop; the other, for the cold shop. Date: November 24, 1954. INEEL negative no. 13203
- ID-33-E-147 A&M. Hot cell annex (TAN-633). Camera facing east. Construction view of north and west walls. Photographer: Jack L. Anderson. Date: October 23, 1957. INEEL negative no. 57-5336
- ID-33-E-148 A&M. Hot cell annex (TAN-633) interior under construction. Hot cells and their doors are along concrete wall. Note side wall of pumice block. Photographer: Jack L. Anderson. Date: October 28, 1957. INEEL negative no. 57-5335
- ID-33-E-149 A&M. Hot liquid waste building (TAN-616) under construction. Camera facing northeast. Date: November 25, 1953. INEEL negative no. 9232
- ID-33-E-150 A&M. Hot liquid waste building (TAN-616). Interior of evaporator control room. Date: 1962. INEEL negative no. 62-6824
- ID-33-E-151 A&M. TAN-607, interior of hot shop. Project underway in hot shop. Note festoon wiring, manipulators, apparatus for shielding. Date: 1966. INEEL negative no. 66-6309
- ID-33-E-152 A&M. Control room, room 6 at TAN-607. Date: 1962. INEEL negative no. 62-6843
- ID-33-E-153 A&M. Machine Shop at TAN-607. Camera looks down upon floor from above. Date: 1962. INEEL negative no. 62-6836
- ID-33-E-154 A&M. Radioactive Chemistry Lab at TAN-607. Date: 1962. INEEL negative no. 62-6847
- ID-33-E-155 A&M. Component test area at TAN-607. Room 127. Date: 1962. INEEL negative no. 62-6826
- ID-33-E-156 A&M. View of east side (rear) of TAN-607 and shoreline ridge/berm. Camera facing north. Administrative area is out of view toward right. Date: 1962. INEEL negative no. 62-6829

Photographs ID-33-E-157 through ID-33-E-186 are of architectural drawings of the ANP Assembly and Maintenance buildings.

- ID-33-E-157 A&M. Grading and drainage plan. Shows natural ground elevation of the (presumed) dry lake-bed shore and berm shielding the administrative area from the hot shop area. Ralph M. Parsons 902 -2&3-ANP-U 4. Date: December 1953. Approved by INEEL Classification Office for public release. INEEL code no. 032-0000 -00-693-106691
- ID-33-E-158 A&M. TAN-607 floor plans. Shows three floor levels of pool, hot shop, and warm shop. Includes view of pool vestibule, personnel labyrinth, location of floor rails, and room numbers of office areas, labs, instrument rooms, and stairways. This drawing was re-drawn to show as-built features in 1993. Ralph M. Parsons 902-3-ANP -607-A 96. Date of original: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034 -0607-00-693-106748

- ID-33-E-159 A&M. TAN-607 floor plan for first floor. Shows stepped door plug design from hot shop into special services cubicle, cubicle windows, and other details. This drawing was re-drawn to show as-built conditions in 1985. Ralph M. Parsons 902-3-ANP-607-A 99. Date of original: January 1955. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0607-00-693 -106751
- ID-33-E-160 A&M. TAN-607 first floor plan for cold assembly area. Shows special source vaults, X-ray room, instrument shops, and positions of large machines in component test laboratory. This drawing was re-drawn to show conditions in 1994. Ralph M. Parsons 902-3-ANP-607-A 100. Date of original: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034-060-00-693-106752
- ID-33-E-161 A&M. TAN-607 second floor plan for cold assembly area. Metallurgical lab, chemistry lab, nuclear instrument lab, equipment rooms. Ralph M. Parsons 902-ANP-607-A 102. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0607-693-106754
- ID-33-E-162 A&M. TAN-607 second floor plan for hot shop. Roof of pool. Viewing window locations. Special equipment room. This drawing was re-drawn to show conditions in 1994. Ralph M. Parsons 902 -3-ANP-607-A 101. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034 -060-00-693-106753
- ID-33-E-163 A&M. TAN-607 third floor plan for hot shop. Crane control rooms and their shielding windows. Plenum. Wall rack for manipulators in hot shop. Ralph M. Parsons 902-3-ANP-607-A 103. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0607-00-693-106755
- ID-33-E-164 A&M. TAN-607 sections. Section A shows variable roof lines, variable thickness of hot shop shield walls, relationship of subterranean pool to grade. Section B shows relative heights of hot shop floor and its control gallery, position of bridge cranes and manipulator rails. Locomotive service pit. Referent drawing is ID -33-E-158 Above. Ralph M. Parsons 902-3-ANP-607-A 105. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0607-00-693-106757
- ID-33-E-165 A&M. TAN-607 sections. Section C cuts hot shop on its 160-foot east/west line. Shows tapered shield wall on east and west facades of building. Relationship between hot shop and special equipment service room, cable tracks for overhead bridge crane, location of well. Concrete roof beams. Section D shows similar east/west of cold assembly room 115 and its bridge crane rail. Shows heavy shielding around special services cubicle and height of viewing windows on east and west sides. Rear of building is shown in relationship to the ridge east of the building. Referent drawing is ID-33-E-158 above. Ralph M. Parsons 902-3-ANP-607-A 106. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0607-00-693 -106758
- ID-33-E-166 A&M. TAN-607. Section views of hot shop. Section E shows equipment areas along rear wall. Section F shows storage pool cut along east/west line. Roof trusses, shelves along sides of pool, drain, roof trusses, shelves along sides of pool, drain, and sump. Section G cuts along north/south to show centerline of turntables, manipulator arms, O-man bridge, crane bridge. Referent drawing is ID-33-E-158 above. Ralph M. Parsons 902-3-ANP-607-A 107. Date: December 1952, but as-built in 1982. Approved by INEEL Classification Office for public release. INEEL index code no. 034 -0607-00-693-106759

- ID-33-E-167 A&M. TAN-607. Elevation for second-phase expansion of A&M Building. Work areas south of the Carpentry Shop. High-bay shop, decontamination room at south-most end. Approved by INEEL Classification Office for public release. Ralph M. Parsons 1299-5ANP/GE-3-607-A 106. Date: August 1956. INEEL index code no. 034-0607-00-693-107166
- ID-33-E-168 A&M. TAN-607. Sections for second phase expansion: engine maintenance, machine, and welding shops; high bay assembly shop, chemical cleaning room (decontamination). Details of sliding door hoods. Approved by INEEL Classification Office for public release. Ralph M. Parsons 1299-5-ANP/GE-3-607-A 109. Date: August 1956. INEEL index code no. 034-0607-00-693-107169
- ID-33-E-169 A&M. TAN-607. Shield wall sections and details around hot shop and special equipment room, showing taper, crane rail elevations, and elevation for biparting door (door no. 301) in wall between hot shop and special equipment room. Ralph M. Parsons 902-3-ANP -607-S 138. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034 -0607-62-963-106782
- ID-33-E-170 A&M. TAN-607. Special service cubicle (hot cell). Details include Z-pipe and stepped plug penetrations through shielding wall. Ralph M. Parsons 902-3-ANP-607-A116. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0607-693-106767
- ID-33-E-171 A&M. TAN-607. Foundation plan for hot shop floor and pool. Tunnels to turntable. Motor pit. Ralph M. Parsons 902-3-ANP -607-S128. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034 -0607-62-693-160722
- ID-33-E-172 A&M. TAN-607. Structural supports for biparting door on east wall of hot shop. Special services cubicle shielding. Ralph M. Parsons 902-3-ANP-607-S141. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0607-60-693-106785
- ID-33-E-173 A&M. TAN-607. Biparting door on east wall of hot shop. Steel form details. Ralph M. Parsons 902-3-ANP-607-S148. Date: December 1952. INEEL index code no. 034-0607-61-693-106792
- ID-33-E-174 A&M. TAN-607. Storage pool vestibule wall. Sections and structural details. Ralph M. Parsons 902-3-ANP-607-S137. Date: December 1952. INEEL index code no. 034-0607-62-693-106781
- ID-33-E-175 A&M. TAN-607. Process experimental pilot plant (PREPP) in north machine shop of TAN-607. First floor plan shows kiln area, internal room dividers, air locks, and other features integrated within TAN-607. Ralph M. Parsons A-2. Date: February 1984. INEEL index no. 034-0607-00-693-147021
- ID-33-E-176 A&M. Hot cell addition (TAN-633). Floor plan, elevations. Arrangement of monorail along corridor, four hot cells, plug access openings, viewing windows, photo darkroom. Ralph M. Parsons 1229-13-ANP/GE-3-633-A-1. Date: December 1956 as redrawn in August 1998. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0633-00-693 -107315

- ID-33-E-177 A&M. TAN-633. Utilities plan and profiles. Layout of TAN-633 in relation to neighboring buildings: actuator building, pool building, water filter building, liquid waste treatment plant, and buried storage tanks. Ralph M. Parsons 1229-13-ANP/GE-3-301-U -1. Date: December 1956. INEEL index code no. 034-0301-00-693 -107311
- ID-33-E-178 A&M. TAN-633. Sections show view of hot cell cask-entry doors, manipulators in each cell, drainage trenches, door and room details. Ralph M. Parsons 1229-13-ANP/GE-3-633-A-2. Date: December 1956. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0633-00-693-107316
- ID-33-E-179 A&M. TAN-633. Hot cell floor plans, elevations, sections. Hole schedule (penetrations through concrete). Swing-door details. Ralph M. Parsons 1229-13-ANP/GE-3-633-A-3. Date: December 1956. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0633-00-693-107317
- ID-33-E-180 A&M. Demineralization plant, TAN-649. Floor plan, elevation details. Ralph M. Parsons 1480-4-ANP/GE-3-649-A-1. Date: October 1958. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0649-00-693-107439
- ID-33-E-181 A&M. Demineralization plant (TAN-649). Steel door. Ralph M. Parsons 1480-L/ANP/GA-3-649-MS-1. Date: October 1958. Approved by INEEL Classification Office for public release. INEEL index code no. 034-0649-40-693-107443
- ID-33-E-182 A&M. Radioactive parts security storage area, TAN-647 and TAN -648. Plot plan, fencing details. Relationship to hot shop and railroad turntable. Ralph M. Parsons 1480-7-ANP/GE-3-102. Date: November 1958. Approved by INEEL Classification Office for public release. INEEL index no. 034-0100-00-693-107447
- ID-33-E-183 A&M. Radioactive parts security storage area, heat removal storage casks. Plan, section, and details. Ralph M. Parsons 1480-7 ANP/GE-3-720-S-1. Date: November 1958. Approved by INEEL Classification Office for public release. INEEL index no. 034-0720 -60-693-107459
- ID-33-E-184 A&M. Actuator Building, TAN-615. Floor plan, elevations, sections. Test and decontamination areas. Pits. Change room. General electric IDA-615-1070. Date: December 1956. INEEL index no. 034-0615-00-309-217511
- ID-33-E-185 A&M. Liquid waste treatment plant, TAN-616. Plan, elevations, sections, and details. Evaporator pit. Pump room. Room names and numbers. Ralph M. Parsons 902-3-ANP-616-A 297. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index no. 034-0616-00-693-106889
- ID-33-E-186 A&M. Outside turntable, TAN-705. Structural plan and details. Ralph M. Parsons 902-3-ANP-705-S-149. Date: January 1953. Approved by INEEL index code no. 034-0705-60-693-106793

#### ADMINISTRATIVE COMPLEX

Photo ID-33-E-187 through ID-33-E-194 were taken of ANP Administrative and Service (ADM) area building TAN-628 prior to demolition. Photographer Mike Crane took photos in March 2004.



- ID-33-E-187 ADM. Warehouse Building (TAN-628). Camera facing west. Oblique view of west and north facades. INEEL negative no. HD -39-8-2
- ID-33-E-188 ADM. Warehouse Building (TAN-628) west facade. Camera facing east. INEEL negative no. HD-39-8-1
- ID-33-E-189 ADM. Warehouse Building (TAN-628) south facade. Camera facing west. Change House (TAN-607) in background. INEEL negative no. HD-39-8-3
- ID-33-E-190 ADM. Warehouse Building (TAN-628) north facade. Camera facing south. INEEL negative no. HD-39-8-4
- ID-33-E-191 ADM. Warehouse Building (TAN-628) east facade. Camera facing west. INEEL negative no. HD-39-9-2
- ID-33-E-192 ADM. Warehouse Building (TAN-628) detail of loading dock at southeast corner. Camera facing west. INEEL negative no. HD-39 -9-3
- ID-33-E-193 ADM. Warehouse Building (TAN-628) interior of receiving office and holding area. INEEL negative no. HD-39-9-1
- ID-33-E-194 ADM. Warehouse Building (TAN-628) interior detail of receiving area. INEEL negative no. HD-39-9-4

Photos ID-33-E-195 through ID-33-E-211 are historic photoes of ANP Administrative buildings. Dates are noted.

- ID-33-E-195 ADM. Aerial view of administration area. Camera facing westerly. From left to right in foreground: Substation (TAN-605), Warehouse (TAN-628), Gate House (TAN-601), Administration Building (TAN-602). Left to right middle ground: Service Building (TAN -603), Warehouse (later known as Maintenance Shop or Craft Shop, TAN-604), Water Well Pump Houses, Fuel Tanks and Fuel Pump Houses, and Water Storage Tanks. Change House (TAN -606) on near side of berm. Large building beyond berm is A&M. Building, TAN-607. Railroad tracks beyond lead from (unseen) turntable to the IET. Date: June 6, 1955. INEEL negative no. 13201
- ID-33-E-196 ADM. Tanks: from left to right: fuel oil tank, fuel pump house (TAN-611), engine fuel tank, water pump house, water storage tank. Camera facing northwest. Not edge of shielding berm at left of view. Date: November 25, 1953. INEEL negative no. 9217
- ID-33-E-197 ADM. Water system pump house (TAN-610) and tank as complete. Date: October 10, 1954. INEEL negative no. 12580
- ID-33-E-198 ADM. Pump House (TAN-612) for well no. 1 as completed. It is identical to pump house (TAN-613) for well no. 2, which is not shown in this report. Date: October 19, 1954. INEEL negative no. 12576
- ID-33-E-199 ADM. Fuel tanks and fuel pump house (TAN-611) as complete. Date: October 29, 1954. INEEL negative no. 12704

- ID-33-E-200 ADM. Warehouse (TAN-628) as it looked when nearly complete. East and north facades. Date: December 20, 1955. INEEL negative no. 55-3557
- ID-33-E-201 ADM. Service Building (TAN-603) as completed. Camera facing westerly. Date: October 19, 1954. INEEL negative no. 12578
- ID-33-E-202 ADM. Service Building (TAN-603) interior. Cafeteria. Date: October 19, 1954. INEEL negative no. 12581
- ID-33-E-203 ADM. Service Building (TAN-603) interior. Dispensary. Dat: October 19, 1954. INEEL negative no. 12579
- ID-33-E-204 ADM. Warehouse (TAN-604). Construction view of structural steel being placed for roof. Date: October 1, 1953. INEEL negative no. 8950
- ID-33-E-205 ADM. Warehouse (TAN-604) as completed. Camera facing northwest. Date: October 19, 1954. INEEL negative no. 12577
- ID-33-E-206 ADM. Substation (TAN-605) as complete. Date: November 23, 1954. INEEL negative no. 13009
- ID-33-E-207 ADM. Change House (TAN-606) as completed. Camera facing northerly. Note proximity to shielding berm. Part of hot shop (A&M Building, TAN-607) at left of view beyond berm. Date: October 29, 1954. INEEL negative no. 12705
- ID-33-E-208 ADM. Change House (TAN-606) interior. Men's shower and locker room. DATE: October 29, 1954. INEEL negative no. 12698
- ID-33-E-209 ADM. Administration Building (TAN-602) under construction. Roof deck being placed. Water tank beyond at right. Date: 1954. INEEL negative no. 8982
- ID-33-E-210 ADM. Administration Building (TAN-602) interior. Drafting room in use. Date: July 12, 1954. INEEL negative no. 11346
- ID-33-E-211 ADM. Gate House (TAN-601) interior. Telephone dial equipment. Date: June 22, 1954. INEEL negative no. 11019

Photos ID-33-E-212 through ID-33-E-225 are architectural drawings of the ANP Administrative and Service area.

- ID-33-E-212 ADM. Service Building (TAN-603). Elevations of all facades with door details and detail of kitchen. Section through garage area shows second level of steel decking. Equipment and laboratory furniture schedule. Ralph M. Parsons 902-2-ANP-603-A 44. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 033-0603-00-693-106719
- ID-33-E-213 ADM. Service Building (TAN-603). Floor plan. Names of functional areas. Ralph M. Parsons 902-2-ANY-603-A 43. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 033-0603-00-693-106718

- ID-33-E-214 ADM. Warehouse (TAN-604) Floor plan. General warehouse and chemical storage. Ralph M. Parsons 902-2-ANP-604-A 55. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0604-00-693-106727
- ID-33-E-215 ADM. Warehouse (TAN-604). Elevations and sections. Ralph M. Parsons 902-2-ANP-604-A 56. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0604-00-693-106728
- ID-33-E-216 ADM. Change House (TAN-606). Elevations and floor plan. Room Names. Ralph M. Parsons 902-2-ANP-606-A 65. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0606-00-693-106733
- ID-33-E-217 ADM. Water System Pump House (TAN-610). Elevations, plan, and sections. Ralph M. Parsons 902-2-ANP-610-A 74. Date: February 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0610-00-693-106739
- ID-33-E-218 ADM. Fuel Pump House (TAN-611). Elevations, floor plan. Drawing includes elevation and plans for "H.M." structures (Hose Storage?). Ralph M. Parsons 902-2-ANP-611-A 78 Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 035-0611-00-693-106741
- ID-33-E-219 ADM. Water well pump houses (TAN-612 and TAN-613). Plans, elevations, floor and other details. Ralph M. Parsons 902-2-ANP -612-613-A S & P 82. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 035 - 0612-00-693-106743
- ID-33-E-220 ADM. Administration Building (TAN-602). Early room layout, door and room schedules. Ralph M. Parsons 902-2-ANP-602-A 31. Date: December 1952. Approved by INEEL Classification Office for public release. INEEL index code no. 033-0602-00-693 -106710
- ID-33-E-221 ADM. Administration Building (TAN-602). Elevations, sections, details. Shows areas that were soon remodeled or added onto. Ralph M. Parsons 902-2-ANP-602-A 32 Date: August 1955. Approved by INEEL Classification Office for public release. INEEL index code no. 033-0602-00-693-106711
- ID-33-E-222 A&M. Technical service laboratory in administration building (TAN-602). Floor plan, reception desk, door and finish schedules. Ralph M. Parsons 1480-12-ANP/GE-3-602-A-1. INEEL index code no. 033-0602-00-693-107488
- ID-33-E-223 A&M. Gate House (TAN-601). Plan, elevations, sections, details. Shows expanded building as attached to TAN-602. Ralph M. Parsons 902-2-ANP-601-A 22. Date: December 1952. INEEL index code no. 033-0602-00-693-106704
- ID-33-E-224 A&M. Warehouse (TAN-628). Floor and foundation plan. Elevations. Ralph M. Parsons 772-ANP-628-A-S-1. Date: July 1955. INEEL index code no. 033-0628-00-693-106683
- ID-33-E-225 A&M. Plot plan of administration and A&M areas. Shows relationships among administration buildings and to A&M building (TAN-607), railroad turntable. Ralph M. Parsons 902 -2&3-ANP-U 3. Date: December 1952. INEEL index code no. 032 -0100-00-693-106690

## LOW POWER TEST COMPLEX

Photos ID-33-E-226 through ID-33-E-256 are of the ANP Low Power Test Facility and Shield Test Facility prior to demolition in 2004. Both were part of the Low Power Test (LPT) Complex. They were taken by photographer Mike Crane in March 2004.

- ID-33-E-226 LPT. Low power assembly and test building (TAN-640). Camera facing west. Rollup doors to each test cell face east. Concrete walls poured in place. Apparatus at right of view was part of a post-ANP program. INEEL negative no. HD-40-1-1
- ID-33-E-227 LPT. Low power assembly and test building (TAN-640). camera facing west. Detail of rollup doors. INEEL negative no. HD-40-1-4
- ID-33-E-228 LPT. Low power assembly and test building (TAN-640) south facade. Camera facing north. Note one-story pumice block corridor, which provided inside access between control building (at left edge of view) and test cell. INEEL negative no. HD-40-1-2
- ID-33-E-229 LPT. Low power assembly and test building (TAN-640) oblique of north and east facades. Outdoor semiscale tankage in foreground. INEEL negative no. HD-40-1-3
- ID-33-E-230 LPT. Low power test cell in TAN-640. Interior of north cell. Camera faces southwest. Corner shows south and west walls. Mezzanine provided access to experiments. INEEL negative no. HD-40-2-1
- ID-33-E-231 LPT. Low power test cell in TAN-640. Interior of north cell. Camera faces northwest. Corner shows west and north walls. INEEL negative no. HD-40-2-2.
- ID-33-E-232 LPT. Low power test control building (TAN-641) contextual view. Oblique view of west and south facades. Access corridor along south side. Note stepped concrete wall of test cell building. INEEL negative no. HD-40-3-1
- ID-33-E-233 LPT. Low power test control building (TAN-641). Closer view of south facade access corridor and stepped concrete wall. Camera facing northeast. INEEL negative no. HD-40-3-3
- ID-33-E-234 LPT. Low power test control building (TAN-641) east facade. Sign says "Energy and Systems Technology Laboratory, INEL" (Post-ANP-use). Camera facing west. INEEL negative no. HD-40-3-2
- ID-33-E-235 LPT. Low power test control building (TAN-641) north facade. Camera facing south. INEEL negative no. HD-40-3-4
- ID-33-E-236 LPT. Low power test control building (TAN-641) south facade and access corridor to test cell. INEEL negative no. HD-40-4-2
- ID-33-E-237 LPT. Low power test control building (TAN-641) interior. Camera facing west. Office area. (Open) door to special source vault at center of view. INEEL negative no. HD-40-4-1
- ID-33-E-238 LPT. Low power test control building (TAN-641) interior. Camera facing northeast at what remains of control room console. Cut in wall at right of view shows west wall of northern test cell. INEEL negative no. HD-40-4-4

- ID-33-E-239 LPT. Low power test control building (TAN-641) interior. Camera facing east into equipment room. Flooring has been removed. INEEL negative no. HD-40-4-3
- ID-33-E-240 LPT. Shield test facility contextual view of pool room (TAN-646) west facade. Camera facing east. From left to right: water storage tank; high bay pool room; equipment and equipment extension on lower level; helium wing and stack. Note exclusion fence in foreground. INEEL negative no. HD-40-8-2
- ID-33-E-241 LPT. Shield test facility assembly and test building (TAN-646). Camera facing northwest for oblique view. From left to right: east facade of EBOR cooling stack and helium wing; south facade of pool facility; south facade of control building (TAN-645). INEEL negative no. HD-40-7-2
- ID-33-E-242 LPT. Shield test facility assembly and test building (TAN-646). East facade of ebora helium wing addition. Camera facing west. Note asbestos-cement siding on stair enclosure and upper-level. Concrete siding at lower level. Metal stack. Monorail protrudes from upper level of south wall at left of view. INEEL negative no. HD-40-7-4
- ID-33-E-243 LPT. Shield test facility assembly and test building (TAN-646), south facade. Camera facing north. High-bay section is pool room. Single-story section at right is control building (TAN-645). Small metal building is post-1970 addition. INEEL negative no. HD-40-7-3
- ID-33-E-244 LPT. Shield test facility assembly and test building (TAN-646), south end of EBOR helium wing. Camera facing north. Monorail protrudes from upper-level door. Rust marks on concrete wall are from stack. Metal shed is post-1970 addition. INEEL negative no. HD-40-8-1
- ID-33-E-245 LPT. Shield test facility assembly and test building (TAN-646), north facade. Camera facing south. Note door rail for door (not in view) to pool room. INEEL negative no. HD-40-8-2
- ID-33-E-246 LPT. Shield test facility assembly and test building (TAN-646), west facade. Camera facing northeast. Low power test facility in background at right of view. INEEL negative no. HD-40-8-4
- ID-33-E-247 LPT. Shield test facility building interior (TAN-646). Looking through doorway into office area. INEEL negative no. HD-40-9-2
- ID-33-E-248 LPT. Shield test facility test building interior (TAN-646). Camera facing south. Distant pool contained EBOR reactor; near pool was intended for fuel rod storage. Other post-1970 activity equipment remains in pool. INEEL negative no. HD-40-9-4
- ID-33-E-249 LPT. Shield test facility test building interior (TAN-646). Camera facing north and looking down into northern pool. Space beyond is assembly area. Note door to outside on wall at right of view. INEEL negative no. HD-40-9-3
- ID-33-E-250 LPT. Shield test facility test building interior (TAN-646). Camera points down into interior of north pool. Equipment on wall is electrical bus used for post-1970 experiment. Personnel ladder at right. INEEL negative no. HD-40-9-1
- ID-33-E-251 LPT. Shield test control building (TAN-645), south facade. Camera facing north INEEL negative no. HD-40-5-1

- ID-33-E-252 LPT. Shield test control building (TAN-645), east elevation. Camera facing west. INEEL negative no. HD-40-5-2
- ID-33-E-253 LPT. Shield test control building (TAN-645), north facade. Camera facing south. Obsolete sign dating from post-1970 program says "Energy and Systems Technology Experimental Facility, INEL." INEEL negative no. HD-40-5-4
- ID-33-E-254 LPT. Shield test control building (TAN-645), west side detail of doorway into pool section. INEEL negative no. HD-40-5-3
- ID-33-E-255 LPT. Shield test control building (TAN-645). Typical interior of office/conference area. Camera facing northeast. INEEL negative no. HD-40-6-1
- ID-33-E-256 LPT. Shield test control building (TAN-645). Interior of office and equipment room. Camera facing west. INEEL negative no. HD-40 -6-2

Photos ID-33-E-257 through ID-33-E-289 are historical photographs of the Low Power Test facility (TAN-640 and TAN-641); and the Shield Test Facility and its later adaption for the Experimental Beryllium Oxide Reactor (EBOR, TAN-645 and TAN-646). Date and photographers are noted.

- ID-33-E-257 LPT. Aerial of low power test (TAN-640 and -641) and shield test (TAN-645 and -646) facilities. Camera facing southwest. Road at upper right leads to administrative area. Photographer: Jack L. Anderson. Date: March 27, 1959. INEEL negative no. 59-1644.
- ID-33-E-258 LPT. Aerial of low power test facility (TAN-640 and -641) and shield test facility (TAN-645 and -646). Camera facing south. Low power reactor cells at left, then one-story control building; diagonal fence; shield test control building, then (high-bay) pool room. In foreground are electrical pad, water tanks and guard house. Photographer: Lowin. Date: February 24, 1965. INEEL negative no. 65-987
- ID-33-E-259 LPT. Aerial of low power test (TAN-640 and -641) and shield test (TAN-645 and -646) facilities. Camera facing north west. Low power test facility at right. Shield test facility at left. Flight engine test area in background at center left of view. Administrative and A&M areas at right. Photographer: Lowin. Date: February 24, 1965. INEEL negative no. 65-991
- ID-33-E-260 LPT. Low power test facility (TAN-640). Camera facing northwest. Personnel corridor on left. Doors to test cells have not yet been installed. Photographer: Jack L. Anderson. Date: October 23, 1957. INEEL negative no. 57-5338
- ID-33-E-261 LPT. Low power test (TAN-640) interior. Basement level. Camera facing north. Cable trays and conduit cross tunnel between critical experiment cell and critical experiment control room. Construction 93% complete. Photographer: Jack L. Anderson. Date: October 23, 1957. INEEL negative no. 57-5339
- ID-33-E-262 LPT. Low power test (TAN-640) interior of cell 102. Camera looking west toward rear of cell. Five-ton bridge crane (Moffett, 10,000 lb.) and banks of lights at top of cell. Photographer: Jack L. Anderson. Date: December 19, 1957. INEEL negative no. 57-6200
- ID-33-E-263 LPT. Low power test interior of control building (TAN-641). Camera facing north across room 105, 104, and 103. Photographer: Jack L. Anderson. Date: October 23, 1957. INEEL negative no. 54 -5341

- ID-33-E-264 LPT. Low power test (TAN-641) interior of mechanical equipment room. Air compressors in left foreground. Evaporate condenser in right background. Construction 93% complete. Photographer: Jack L. Anderson. Date: October 23, 1957. INEEL negative no. 57-5340
- ID-33-E-265 LPT. Low power test (TAN-641) interior. Boiler room with boilers installed. Photographer: Jack L. Anderson. Date: November 21, 1957. INEEL negative no. 57-5884
- ID-33-E-266 LPT. Low power test (TAN-641) interior. Heating and ventilating pneumatic and electrical control panel. Contract nearly complete. Photographer: Jack L. Anderson. Date: December 19, 1957. INEEL negative no. 57-6198
- ID-33-E-267 LPT. Low power test (TAN-641) interior. Camera is inside special source vault and facing southeast. Interior grill door is closed; outer steel door is open. Photographer: Jack L. Anderson. Date: December 19, 1957. INEEL negative no. 57-6197
- ID-33-E-268 LPT. Shield test facility (TAN-646) interior. Pool room nearly complete. Fifty-ton bridge crane is ready for operation. Water fills foreground pool. Photographer: M. Holmes. Date: June 23, 1959. INEEL negative no. 59-3263
- ID-33-E-269 LPT. Shield test facility (TAN-646) interior of pool room. Camera facing south. Note steel beams along side walls. Photographer: Jack L. Anderson. Date: April 21, 1959. INEEL negative no. 59 -2130
- ID-33-E-270 LPT. Shield test facility (TAN-646) interior. Construction worker applies caulking compound to joint between stainless steel weir and concrete. Photographer: Jack L. Anderson. Date: March 6, 1959. INEEL negative no. 59-1099
- ID-33-E-271 LPT. Shield test facility (TAN-646) interior. Water treatment room contains water softeners, deionizers, and display panel. Note metal ceiling and walls. Photographer: Jack L. Anderson. Date: February 20, 1959. INEEL negative no. 59-856
- ID-33-E-272 LPT. Shield test facility (TAN-645) interior. Mechanical equipment room with airwasher and refrigeration compressor. Photographer: Jack L. Anderson. Date: February 20, 1959. INEEL negative no. 59-855
- ID-33-E-273 LPT. Shield test facility (TAN-645) interior. Mechanical equipment room with switchgear and control boards. Photographer: Jack L. Anderson. Date: February 20, 1959. INEEL negative no. 59-858
- ID-33-E-274 LPT. Shield test facility (TAN-645) interior. Boiler room shows one boiler, diesel electric stand unit, and related equipment. Pumice block walls. Photographer: Jack L. Anderson. Date: January 19, 1959. INEEL negative no. 59-286
- ID-33-E-275 LPT. Shield test facility (TAN-646) exterior, as modified for EBOR. Camera facing northeast. Heat exchange fans, helium storage tanks, and completed EBOR perimeter road. Photographer: Page Comisky. Date: ca. August 20, 1965. INEEL negative no. 65 -4328
- ID-33-E-276 LPT. Shield test facility (TAN-645) interior remodel for EBOR. Room 122 complete. Camera facing west. Photographer: Page Comiskey. Date: ca. August 20, 1965. INEEL negative no. 65 -4330

- ID-33-E-277 LPT. Shield test facility (TAN-646) being modified for EBOR. Camera facing south in room 123. Helium piping. Photographer: Page Comisky. Date: ca. August 20, 1965. INEEL negative no. 65-4327
- ID-33-E-278 LPT. Shield test facility (TAN-645) interior remodel for EBOR. Room 124 complete, camera facing north. Photographer: Page Comiskey. Date: ca. August 20, 1965. INEEL negative no. 65-4331
- ID-33-E-279 LPT. EBOR interior. Inside room B105. Camera facing northwest from southeast corner of room. Typical view of sample tube panels. Photographer: Comiskey. Date: February 19, 1965. INEEL negative no. 65-934
- ID-33-E-280 LPT. Shield test facility (TAN-646) interior. Addition of third steam generator. Burner end. Camera facing southwest. Photographer: Comiskey. Date: January 20, 1965. INEEL negative no. 65-242
- ID-33-E-281 LPT. Shield test facility (TAN-646) interior. Camera facing northwest. Photographer: Comiskey. Date: January 20, 1965. INEEL negative no. 65-240
- ID-33-E-282 LPT. EBOR (TAN-646) interior, installing reactor in STF pool ("vault"). Pressure vessel shows core barrel and outlet nozzle (next to man below) to inner duct weld, which is prepared and in position for stress relieving. Camera facing southeast. Photographer: Comiskey. Date: January 20, 1965. INEEL negative no. 65-239
- ID-33-E-283 LPT. EBOR (TAN-646) reactor vessel, flow distribution tank. Outlet nozzle on side of vessel will be connected to coolant duct. Photographer: Lowin. Date: January 20, 1965. INEEL negative no. 65-237
- ID-33-E-284 LPT. EBOR (TAN-646) reactor vessel, distribution tank. View of top of tank, with coolant port below. Photographer: Lowin. Date: January 20, 1965. INEEL negative no. 65-236
- ID-33-E-285 LPT. EBOR reactor vessel in TAN 646. Pressure vessel head being installed in vault. Refueling port extension (right) and control rod nozzles (center). Camera facing northwest. Photographer: Comiskey. Date: January 20, 1965. INEEL negative no. 65-241
- ID-33-E-286 LPT. EBOR (TAN-646) reactor vessel. Top view of reflector support tank. Photographer: Comiskey. Date: January 20, 1965. INEEL negative no. 65-234
- ID-33-E-287 LPT. EBOR (TAN-646) reactor vault. Concrete blocks for reactor shielding going into shield test facility pool. Photographer: Comiskey. Date: February 19, 1965. INEEL negative no. 65-933
- ID-33-E-288 LPT. EBOR (TAN-646) interior. Camera facing west and down into reactor vault. Shows shut-down structural steel support and pressure vessel head. Photographer: Comiskey. Date: April 20, 1965. INEEL negative no. 65-2192
- ID-33-E-289 LPT. EBOR (TAN-646) interior. Camera is facing north and down into reactor vault. View shows portion of the lead shutdown shield, pressure vessel thimbles, and refueling ports mounted on pressure vessel head. Concrete shielding below. Photographer: Farmer. Date: May 24, 1965. INEEL negative no. 65-2739



Photos ID-33-E-290 through ID-33-E-307 are architectural drawings of the Low Power Test and Shield Test Facility buildings constructed during the Aircraft Nuclear Propulsion program. This group also includes modification drawings of the Shield Test Facility for the EBOR project.

- ID-33-E-290 LPT. Plot plan and site layout. Includes shield test pool/EBOR facility. (TAN-645 and -646) low power test building (TAN-640 and -641), water storage tanks, guard house (TAN-642), pump house (TAN-644), driveways, well, chlorination building (TAN -643), septic system. Ralph M. Parsons 1229-12 ANP/GE-7-102. November 1956. Approved by INEEL Classification Office for public release. INEEL index code no. 038-0102-00-693-107261
- ID-33-E-291 LPT. Elevations of low power test building (TAN-640 and -641). West and south elevations show stepped shield wall. South and east elevations show pumice block passageway on south side. Reactor cell walls are concrete. One-story parts are pumice block. Metal rollup doors. Ralph M. Parsons 1229-12 ANP/GE-7-640-A -2. November 1956. Approved by INEEL Classification Office for public release. INEEL index code no. 038-0640-00-693-107275
- ID-33-E-292 LPT. Low power test (TAN-640 and -641) floor plan. Cells 101 and 102, control rooms, shielded counting room, generator room, list of room numbers and names. Door details. Ralph M. Parsons 1229-12 ANP/GE-7-640-A-1. November 1956. Approved by INEEL Classification Office for public release. INEEL index code no. 038-0640-00-693-107274
- ID-33-E-293 LPT. Low power test (TAN-640 and -641) sections. Referent drawing is HAER ID-33-E-292. Section A shows cable tunnel between reactor cells and control room. Bridge crane, roof, ladder details. Ralph M. Parsons 1229-12 ANP/GE-7-640-A-3. November 1956. Approved by INEEL Classification Office for public release. INEEL index code no. 038-0640-00-693-107276
- ID-33-E-294 LPT. Guard House (TAN-642). Elevations, floor plan, sections, details. Ralph M. Parsons 1229-12 ANP/GE-7-642-A-S-H7V-1. November 1956. Approved by INEEL Classification Office for public release. INEEL index code no. 038-0642-00-693-107306
- ID-33-E-295 LPT. Chlorination building (TAN-643) and water well pumphouse (TAN-644). Plans, elevations, sections, and details. Ralph M. Parsons 1229-12 ANP/GE-7-643-A-S-H&V-1. November 1956. Approved by INEEL Classification Office for public release. INEEL index code no. 038-0643/0644-00-693-107307
- ID-33-E-296 LPT. Shield test facility (TAN-645 and -646). Floor plan and room names. Ralph M. Parsons 1229-17 ANP/GE-6-645-A-1. April 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 037-0645/0646-00-693-107347
- ID-33-E-297 LPT. Shield test facility (TAN-645 and -646). Elevations show three types of siding: Asbestos cement, pumice block, concrete. Ralph M. Parsons 1229-17 ANP/GE-6-6445-A-3. April 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 037-06445/0646-00-693-107349
- ID-33-E-298 LPT. Shield test facility (TAN-645 and -646). Basement and subbasement plan. Stairway plans and details. Ralph M. Parsons 1229 -17 ANP/GE-6-645-A-2. April 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 037 -0645/0646-00-693-107348

- ID-33-E-299 LPT. Shield test facility (TAN-645 and -646). Sections show relationships among control rooms, coupling station, counting rooms, pools, equipment rooms, data room and other areas. Ralph M. Parsons 1229-17 ANP/GE-6-645-A-4. April 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 037-0645/0646-00-693-107350
- ID-33-E-300 LPT. Shield test facility (TAN-645 and -646). Calibration lab shield door. Ralph M. Parsons 1229-17 ANP/GE-6-645-MS-1. April 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 037-0645-40-693-107369
- ID-33-E-301 LPT. Shield test facility (TAN-646). Floor plan for water treatment room on west facade, tank and filter locations in basement along service tunnel and in coupling station. Ralph M. Parsons 1229-17 ANP/GE-6-646-P-2. April 1957. INEEL Index code no. 037 -0645/0646-51-693-107387
- ID-33-E-302 LPT. Shield test facility (TAN-646). Sections and details of water management areas. Ralph M. Parsons 1229-17 ANP/GE-6-646-P -3. April 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 037-0646-51-693-107388
- ID-33-E-303 LPT. EBOR project (TAN-645 and -646). New pumphouse built in 1965 as TAN-652. Floor plan, elevations, details. Kaiser engineers EBOR/GA-646-A-104. Date: May 1963. INEEL index code no. 037-0652-00-486-119053
- ID-33-E-304 LPT. EBOR (TAN-646). Floor plan for new helium management wing. Detail of sample vault and basement switch room. Kaiser engineers EBOR/GA-646-A-101. Date: May 1963. INEEL index code no. 037-0646-00-486-119115
- ID-33-E-305 LPT. EBOR (TAN-646). Reactor vault and pool arrangement. Stepped arrangement of shielding blocks. Floor plan, elevation of reactor, and details. Kaiser engineers EBOR/GA-646-P-102. Date: May 1963. INEEL index code no. 037-0646-00-486-119116
- ID-33-E-306 LPT. EBOR (TAN-646). Elevations. Concrete helium wing. Exhaust stack. Monorail door 42. Kaiser engineers EBOR/GA -646-A-102. Date: May 1963. INEEL index code no. 037-0646-00 -486-119051
- ID-33-E-307 LPT. EBOR (TAN-646). Sections. Reactor shielding profile. Below-grade pipe tunnel, ducts, rooms. Kaiser engineers EBOR/GA-646-A-103. Date: May 1963. INEEL index code no. 037-0646/0645-00-486-119052

#### FLIGHT ENGINE TEST COMPLEX

Photographs ID-33-E-308 through ID-33-E-315 are drawings of the Control and Equipment Building (TAN-630) and other buildings associated with the ANP Hangar (TAN-629) at the Flight Engine Test (FET) Complex. Large-format photos, historic photos, and drawings of the ANP Hangar (TAN-629) can be found in HAER ID-33-A. Please consult the Photo Index of that report. The following architectural drawings record facilities that were not included in HAER ID-33-A.

- ID-33-E-308 FET. Control and equipment building, TAN-630. Main floor plan. Control room. Room numbers and functions. Ralph M. Parsons. 1229-2-ANP/GE-5-630-A-2. Date: March 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 036-0630-00-693-107081

- ID-33-E-309 FET. Control and equipment building (TAN-630). Basement floor plan. Tunnel to hangar (TAN-629). Electrical and chemical services. Ralph M. Parsons 1229-2 ANP/GE-630-A-1. Date: March 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 036-0630-00-693-107080
- ID-33-E-310 FET. Control and equipment building (TAN-630). Sections. Earth cover. Shielded access entries for personnel and vehicles. Ralph M. Parsons 1229-2 ANP/GE-5-630-A-3. Date: March 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 036-0630-00-693-107082
- ID-33-E-311 FET. Control and equipment building (TAN-630). Sections. Ralph M. Parsons 1229-2 ANP/GE-5-630-A-4. Date: March 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 036-0630-00-693-107083
- ID-33-E-312 FET. Control and equipment building (TAN-630). East elevation and section. Shielded roadway and personnel entrances. Ralph M. Parsons 1229-2 ANP/GE-5-630-A-5. Date: March 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 036-0630-00-693-107084
- ID-33-E-313 FET. Tank Building, TAN-631. Elevations, sections, details. Tank pads and saddles. Ralph M. Parsons 1229-2 ANP/GE-5-631-A-1. Date: March 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 036-0631-00-693-107142
- ID-33-E-314 FET. Chlorination building, TAN-637. Elevations, section. Ralph M. Parsons 1229-2 ANP/GE-5-637-A-S-H&V-1. Date: March 1957. Approved by INEEL Classification Office for public release. INEEL index code no. 036-0637-00-693-107148
- ID-33-E-315 FET. Exhaust duct and stack. Plan, elevation, foundation, details. Ralph M. Parsons 1480-10 ANP/GE-5-716-S-3. Date: February 1959. Approved by INEEL Classification Office for public release. INEEL index code no. 036-0716-00-693-107474

Photos ID-33-E-316 through ID-33-E-354 were taken in 2004 of the Loss of Fluid Test (LOFT) facility prior to demolition. The photographer was Mike Crane. Dates were March and May, 2004.

- ID-33-E-316 LOFT. Contextual view of south side of shielded roadway (TAN -719). Loft containment building (TAN-650) and stack at left edge of view. Camera facing northwest. Date: March 2004. INEEL negative no. HD-39-3-1
- ID-33-E-317 LOFT. Contextual view of north side of shielded roadway (TAN -719) as it looked during use of FET facilities. Camera facing southwest. Sign over door says, "Contained Test Facility." Note earth shielding. Date: March 2004. INEEL negative no. HD-39-3-2
- ID-33-E-318 LOFT. Entry to shielded roadway. Camera facing west. Note landscaping with aspens and other non-desert shrubs. Date: March 2004. INEEL negative no. HD-39-3-3
- ID-33-E-319 LOFT. Contextual view of exhaust stack. Camera facing northeast. At right of view if compressor building (TAN-637). Date: March 2004. INEEL negative no. HD-39-6-1
- ID-33-E-320 LOFT. Contextual view of personnel entrance. Camera facing north. Hangar (TAN-629) at far left. Shielded control room (TAN -629) to left, containment building (TAN-650) to right. Date: May 2004. INEEL negative no. HD-39-19-2

- ID-33-E-321 LOFT. Containment building entry, an adapted use of TAN-624, which originated as the mobile test building for the ANP program. Camera facing north. Note four-rail track entered building stack at right of view. Date: March 2004. INEEL negative no. HD-39-4-1
- ID-33-E-322 LOFT. Camera facing northwest. Containment entry (TAN-624) and LOFT containment building (TAN-650). Date: March 2004. INEEL negative no. HD-39-4-2
- ID-33-E-323 LOFT. Camera facing east side of containment entry (TAN-624) and its attachment to containment building (TAN-650). Date: March 2004. INEEL negative no. HD-39-4-3
- ID-33-E-324 LOFT. Camera facing west side of containment entry (TAN-624) and containment dome (TAN-650). Date: March 2004. INEEL negative no. HD-39-4-4
- ID-33-E-325 LOFT. Oblique view with hangar (TAN-629), containment entry (TAN-624), and containment dome (TAN-650) in view. Camera facing northwest. Date: May 2004. INEEL negative no. HD-39-19 -4
- ID-33-E-326 LOFT. West side of containment building and dome (TAN-650). Camera is atop earth - shield control building (TAN-630), facing east. Vertical structure at right of view (with light affixed) is west end of railroad door shroud. Date: May 2004. INEEL negative no. HD-39-19-1
- ID-33-E-327 LOFT, TAN-650. Camera facing southeast. From left to right: stack in distance, pre-amp wing, dome, north side of loft "service building." Note poured concrete wall of pre-amp wing on lower section; pumice block above. Date: May 2004. INEEL negative no. HD-39-19-3
- ID-33-E-328 LOFT, TAN-650. Closer view of service building (also called LOFT enclosure building). Camera facing west. Date: May 2004. INEEL negative no. HD-39-20-2
- ID-33-E-329 LOFT, TAN-650. Closer view of service building and exterior piping. Camera facing east. Date: May 2004. INEEL negative no. HD-39-20-4
- ID-33-E-330 LOFT, TAN-650. View of pre-amp building, camera facing south. Date: May 2004. INEEL negative no. HD-39-20-1
- ID-33-E-331 LOFT, TAN-650. Details of heating and ventilating system. Camera facing south. Hangar at right of view beyond shielded control building. Date: May 2004. INEEL negative no. HD-39-20 -3
- ID-33-E-332 LOFT. Interior view of entry to reactor building, TAN-650. Camera is inside entry (TAN-624) and facing north. At far end of domed chamber are penetrations in wall for electrical and other connections. Reactor and other equipment has been removed. Date: March 2004. INEEL negative no. HD-39-5-1
- ID-33-E-333 LOFT. Interior view of entry (TAN-624) rollup door. Camera is inside entry building facing south. Rollup door was a modification of the original ANP door arrangement. Date: March 2004. INEEL negative no. HD-39-5-2

- ID-33-E-334 LOFT, TAN-650. Detail view of railroad door. Camera faces east and edge of door. Floor slab slides out of the way when door is to close. TAN-624 is to right; LOFT reactor chamber is to left. Date: May 2004. INEEL negative no. HD-39-16-1
- ID-33-E-335 LOFT, TAN-650. Detail of railroad door. Camera facing northeasterly into reactor chamber. Date: May 2004. INEEL negative no. HD-39-16-2
- ID-33-E-336 LOFT, TAN-650. Reactor chamber detail. Camera facing southeasterly toward railroad door and containment entry (TAN -624). Lights strung along wall. Demolition has progressed; most equipment is gone. Reactor was positioned at round spot at right of view. Date: May 2004. INEEL negative no. HD-39-17-1
- ID-33-E-337 LOFT, TAN-650. Interior airlock door on reactor floor. Camera is on west side of airlock and faces southeast into reactor chamber. Photo shows both edges of airlock. Controls and pressurization equipment on airlock wall. Metal plate floor. Date: May 2004. INEEL negative no. HD-39-17-2
- ID-33-E-338 LOFT, TAN-650. Interior airlock door. Camera faces northeast towards reactor chamber. Both doors of airlock are open and in view. Note wooden steps. Date: May 2004. INEEL negative no. HD-39-17-3
- ID-33-E-339 LOFT, TAN-650. Interior taken within reactor chamber. Camera westerly toward airlock. Date: May 2004. INEEL negative no. HD -39-18-2
- ID-33-E-340 LOFT, TAN-650. Interior, reactor chamber. Detail view of capped penetrations in north wall of chamber and piping array. Note terminus of rail track on floor. Date: May 2004. INEEL negative no. HD-39-18-4
- ID-33-E-341 LOFT, TAN-650. Interior, reactor chamber. Camera facing southerly into containment entry (TAN-624). Door vertical clearance is 33 feet. Railroad door is open position (ie, unseen). Date: May 2004. INEEL negative no. HD-39-18-1
- ID-33-E-342 LOFT, TAN-650. Interior, camera faces upward toward apex of dome. Bridge crane rides circular rail placed at tangent where dome meets wall. Date: May 2004. INEEL negative no. HD-39-18 -3
- ID-33-E-343 LOFT. Interior, control room in control building (TAN-630). Camera facing north. Sign says "This control console is partially active. Do not operate any switch handle without authorization." Date: May 2004. INEEL negative no. HD-39-14-3
- ID-33-E-344 LOFT. Control room detail in control building (TAN-630). Camera facing northwest. Date: May 2004. INEEL negative no. HD-39-13 -2
- ID-33-E-345 LOFT. Interior of visitors' room in control building (TAN-630), typically occupied during tests. Indicator display allowed observers to watch progress of experiment. Date: May 2004. INEEL negative no. HD-39-14-1
- ID-33-E-346 LOFT. Interior detail of control building (TAN-630) visitors' room showing indicator display. "ECC" refers to "Emergency core cooling." Date: May 2004. INEEL negative no. HD-39-14-4

- ID-33-E-347 LOFT, TAN-630. Interior detail of shield door at end of corridor on ground level and west of control room. Separates control building from hangar. Camera facing west. Date: May 2004. INEEL negative no. HD-39-14-2
- ID-33-E-348 LOFT. Interior detail in basement level of control building (TAN -630). Entrance to personnel tunnel which connects control and hangar (TAN-629) buildings. Camera facing southeast. Compare with construction photo nos. ID-33-E-381 and ID-33-E-382. Date: May 2004. INEEL negative no. HD-39-13-1
- ID-33-E-349 LOFT. Interior in basement of control building (TAN-630). Foreground area (with square-pattern floor) was loft breakroom (ANP "Emergency Kitchen"). Three sample monitoring stations on wall at left of center of view. Corridor on right faces east. Note conduit along wall on right. Date: May 2004. INEEL negative no. HD-39-13-3
- ID-33-E-350 LOFT. Boiler room in lower level of control building (TAN-630). Camera faces east. Date: May 2004. INEEL negative no. HD-39 -13-4
- ID-33-E-351 LOFT. Basement level of LOFT reactor building (TAN-650), showing airlock. Camera faces southeast. Airlock leads to heavily shielded area just below reactor chamber. Note radiation hazard notices. Date: May 2004. INEEL negative no. HD-39-15-1
- ID-33-E-352 LOFT. Basement level (TAN-650). Detail in room 201 of piping on north wall. Date: May 2004. INEEL negative no. HD-39-15-2
- ID-33-E-353 LOFT. Basement level (TAN-650). View from west end of shielded roadway towards east end (entrance) of roadway. Camera is in turnaround area. Date: May 2004. INEEL negative no. HD-39 -15-3
- ID-33-E-354 LOFT. Detail in basement (TAN-650). Radiation hazard warning lights (red, amber, green) in turnaround area. Camera facing west. Date: May 2004. INEEL negative no. HD-39-15-4

Photos ID-33-E-355 through ID-33-E-372 are historical photos of the Loss of Fluid Test (LOFT) facility. Dates are noted.

- ID-33-E-355 LOFT. Aerial contextual view of containment building (TAN-650) site under construction. Camera facing westerly. Left to right: ANP hangar (TAN-629), ANP control building under earthen shield (TAN-630), circular excavation for LOFT's subsurface levels and catch basin, and foundations for accessories to LOFT building west, north, and east of circular containment structure. Note exposed personnel entrance (just left of crane). Date: 1967. INEEL negative no. 67-2213
- ID-33-E-356 LOFT. Aerial contextual view of containment building (TAN-650) under construction. Camera facing east. Hangar is at bottom of view. Note temporary removal of earth shield on covered roadway at top left of view. Railroad ties stacked up at right edge of view. Date: 1967. INEEL negative no. 67-5027
- ID-33-E-357 LOFT. Containment building (TAN-650) on the day the railroad door was lifted into place. Camera facing northeast. Note personnel access at left edge of view. Date: 1967. INEEL negative no. 70-4141

- ID-33-E-358 LOFT. Containment building (TAN-650) with four-rail tracks in place. Stack has been erected. Curved shroud over doorway and to the right is weather protection for railroad door seen in HAER photo ID-33-E-367. Motor-operated door rolls on wheels to open and close. Service portions of containment building can be seen at rear of dome on left and right. Camera facing north. Date: 1973. INEEL negative no. 73-1600
- ID-33-E-359 LOFT. Containment building (TAN-650) detail. Camera facing east. Service building corner is at left of view above personnel access. Round feature at left of dome is tank that will contain borated water. Metal stack at right of view. Date: 1973. INEEL negative no. 73-1085
- ID-33-E-360 LOFT. Rear of LOFT containment building (TAN-650). Borated water tank is at top. Note ladder for access to top of dome. Camera facing southeast. Date: 1973. INEEL negative no. 73-1643
- ID-33-E-361 LOFT. Reactor apparatus leaves A&M building (TAN-607). Shielded locomotive has aerojet logo, which replaced old general electric logo, pulls reactor from assembly shop on dolly. Camera facing easterly. Date: 1973. INEEL negative no. 73-3700
- ID-33-E-362 LOFT. Reactor arrives at containment building (TAN-650), now being pushed by locomotive. Camera facing northerly. Note "Hello Dolly" and "PWR MTA No. 1" (pressurized water reactor mobile test assembly) signs. Date: 1973. INEEL negative no. 73-3710
- ID-33-E-363 LOFT. Reactor support apparatus inside containment building (TAN-650). Camera is on crane rail level and facing northerly. View shows top two banks of round conduit openings on wall for electrical and other connections to control room. Ladders and platforms provide access to reactor instrumentation. Note hatch in floor and drain at edge of floor near wall. Date: 1974. INEEL negative no. 74-219
- ID-33-E-364 LOFT. Mobile test building (TAN-624) is recycled from ANP program for placement before LOFT containment building door. It has not yet been connected to containment building. Note borated water tank at right of dome. Narrow, vertical structure at right of door is shroud for air exhaust duct. Filter vaults lie between duct shroud and stack. Camera facing westerly. Date: 1974. INEEL negative no. 74-1072
- ID-33-E-365 LOFT complex, camera facing west. Mobile entry (TAN-624) is position next to containment building (TAN-650). Shielded roadway entrance in view just below and to right of stack. Borated water tank has been covered with weather shelter and is no longer visible. ANP hangar (TAN-629) in view beyond LOFT. Date: 1974. INEEL negative no. 74-4191
- ID-33-E-366 LOFT complex in 1975 awaits renewed mission. Aerial view. Camera facing southwesterly. Left to right: stack, entry building (TAN-624), door shroud, duct shroud and filter hatches, dome (painted white), pre-amp building, equipment and piping building, shielded control room (TAN-630), airplane hangar (TAN-629). Date: 1975. INEEL negative no. 75-3690
- ID-33-E-367 LOFT complex, aerial view taken on same on same day as HAER photo ID-33-E-376. Camera facing south. Note curve of rail track toward hot shop (TAN-607). Earth shielding on control building (TAN-630) is partly removed, showing edge of concrete structure. Great southern butte on horizon. Date: 1975. INEEL negative no. 75-3693

- ID-33-E-368 LOFT. Test apparatus, the "99 Valve." Date: March 10, 1976. INEEL negative no. 76-(unknown).
- ID-33-E-369 LOFT-related semiscale apparatus. Single loop top head. Date: 1969. INEEL negative no. 69-6280
- ID-33-E-370 LOFT-related semiscale test scene. Water has been dyed red. Hot steam blowdown exits semiscale at TAN-609 at A&M complex. Edge of building is along left edge of view. Date: 1971. INEEL negative no. 71-376
- ID-33-E-371 LOFT. Construction view of tunnel during 1957 to compare with HAER photo ID-33-E-358 above. Tunnel sections were pre-cast, then joined together. Photographer described this as Personnel and service tunnel running east-west in test building of the FET." Date: December 19, 1957. Photographer: Jack L. Anderson. INEEL negative no. 57-6206
- ID-33-E-372 LOFT/FET complex. Construction view of abutment footings for arches of hangar (TAN-629). Tunnels between basement of hangar and control building (TAN-630) had to fit between arches. (Note concrete work taking place at hole at lower edge of view. This photo may document unexpected bubble in underlying lava rock. It was dumped full of concrete and a footing made. Source: Interview with John DeClue). Date: December 19, 1957. Photographer: Jack L. Anderson. INEEL negative no. 57-6203

Photos ID-33-E-373 through ID-33-E-384 are architectural drawings of Loss of Fluid Test (LOFT) facilities at Test Area North's FET complex.

- ID-33-E-373 LOFT. Containment and service building (TAN-650) basement floor plan. Basement airlock, shielded roadway, service areas, connection to control building. Kaiser engineers 6413-11-STEP/LOFT-650-A-1. Date: October 1964. INEEL index code no. 036-650-00-416-122213
- ID-33-E-374 LOFT. Containment and service building (TAN-650) ground floor plan. Penetrations in dome wall. Shielded personnel maze at airlock door. Reactor chamber floor hatches and holddowns. Rails in concrete floor. Kaiser engineers 6413-11-STEP/LOFT-650-A-2. Date: October 1964. INEEL index code no. 036-650-00-486 -122214
- ID-33-E-375 LOFT, TAN-650. Service building pre-amp tower, top three floors. Floor plan, cable mazes, duct labyrinth. Borated water tank enclosure on roof. Kaiser engineers 6413-11-STEP/LOFT-650-A -3. Date: October 1964. INEEL index code no. 036-650-00-486 -122215
- ID-33-E-376 LOFT. Containment and service building (TAN-650). Section through east/west axis of building as viewed from the south. Shows basement and grade levels of containment building, connection to control room on west side, air filter vaults, and duct enclosure for air exhaust system. Kaiser engineers 6413-11STEP/LOFT-650-A-4. Date: October 1964. INEEL index code no. 036-650-00-486-122216
- ID-33-E-377 LOFT. Containment and service building (TAN-650). Section through north/south axis. Shows basement and four additional levels of pre-amp tower, shielded roadway, chambers below reactor floor, railroad door, sumps, shielding. Section C shows basement sumps and chambers below reactor floor. Kaiser engineers 6413-11-STEP/LOFT-650-A-5. Date: October 1964. INEEL index code no. 036-650-00-486-122217



- ID-33-E-378 LOFT. Containment and service building (TAN-650). Section through east/west axis of building as viewed from the north. Shows steel ladder to top of dome, gable roof of borated water tank enclosure, pumice block siding of pre-amp tower, metal siding of duct enclosure. Kaiser engineers 6413-11-STEP/LOFT-650-A-6. Date: October 1964. INEEL index code no. 036-650-00-486 -122218
- ID-33-E-379 LOFT. Containment and service building (TAN-650). Roof plan and details. Kaiser engineers 6413-11-STEP/LOFT-650-A-8. Date: October 1964. INEEL index code no. 036-650-00-486-122220
- ID-33-E-380 LOFT. Containment and service building (TAN-650). South elevation, details, section. Shows part of duct enclosure, railroad door opening, roof ventilators, shielded personnel entrance, and change room. Section F shows view from west looking toward shielding around airlock door on main floor. Kaiser engineers 6413 -11-STEP/LOFT-650-A-9. Date: October 1964. INEEL index code no. 036-650-00-486-122221
- ID-33-E-381 LOFT. Containment and service building (TAN-650). Sections H, K, and L; details of pre-amp tower. Kaiser engineers 6413-11STEP/LOFT-650-A-14. Date: January 1966. INEEL index code no. 036-650-00-486-122226
- ID-33-E-382 LOFT. "Exploded view" of loft containment building (TAN-650), including control building (TAN-630). EG&G. February 1979. INEEL index code no. 036-010-65-220-209565
- ID-33-E-383 LOFT. Containment and service building (TAN-650). Room number and function of each room. Identifies type of floor, paint, walls, ceiling, doors. This is sheet 1 of a 2-page drawing. Kaiser engineers 6413-11-STEP/LOFT-650-XX. Date: October 1965. INEEL index code no. 036-650-00-486-122228
- ID-33-E-384 LOFT. Containment and service building (TAN-650). Room number schedule, sheet 2 of 2. Kaiser engineers 6413-11STEP/LOFT-650-A-XX. Date: October 1969. INEEL index code no. 036-650-00-486-122228

Notes:

1. The historical photographs selected for this report originated in a photograph collections at the Idaho National Engineering and Environmental Laboratory's Photograph Archive in the Willoe Creek building and the Inactive Storage Records Warehouse at Idaho Falls, Idaho. Negatives are indexed according to year, name of facility area, and sequence number.
2. The original engineering drawings for the ANP and LOFT programs were destroyed within the last ten years. The photographic copies in this report were made from microfilm aperture cards located at the Idaho National Engineering and Environmental Laboratory at the Engineering Research Office Building.
3. The INEEL photographic and engineering archives date from the earliest operations at the National Reactor Testing Station. They document construction progress, events, equipment and procedures, and periodic aerial surveys of the site. Most of these resources are available for examination and reproduction.
4. For written historical and descriptive information on Test Area North, please see main entry for Idaho National Engineering Laboratory, Test Area North, HAER ID-33-E.

5. Additional images and illustrations may be found in the written historical report, HAER ID-33-E, as accompaniments to the narrative. For the most part, these are sketches, photographs from sources other than INEEL, or copies of 35 mm images not practical for HAER-quality reproduction.
6. The INEEL Index Code for architectural and engineering drawings is composed of the following elements. Using the example 034-0607-00-693-106758:
  - 034: An NRTS/INEEL "area" number. In the case, the A&M area at Test Area North
  - 0607: The building or structure number at this "area."
  - 00: Classification code. In this case, 00 signifies "architectural" drawings.
  - 693: A code number for the originating contractor. This code number was assigned to the Ralph M. Parsons Company.
  - 106758: A serial number assigned by the NRTS/INEEL Document Control system. This is the only unique number in a drawing's identification elements.
7. Numbers in the 600 and 1600 ranges were assigned to buildings roughly in chronological order of their construction. When 600 numbers were consumed, the sequence continued with 1600 numbers. Structures, such as exhaust stacks and outdoor turntables, were given 700 and 1700 numbers.